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**(57) Abstract**

The object of the invention is a method for synchronising image data obtained from process monitoring cameras. By utilising synchronisation, one and the same area in a paper web can be sought as it passed the different camera positions. Since the speeds are high and the webs somewhat stretching, synchronisation does not often directly result in the same area being shown in the different camera positions. To facilitate searching, a selection area (10) corresponding to the limited number of sequential images in the environment of the point of synchronisation (9, 9') of each camera position is visualised for the operator, inside which area the corresponding area in the web can be found with certainty